

D. Romeo



OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/423,018

DATE: 02/11/2002
 TIME: 09:16:38

Input Set : A:\A018us.txt
 Output Set: N:\CRF3\02112002\I423018.raw

ENTERED

4 <110> APPLICANT: Gotwals, Philip
 5 Koteliensky, Victor
 6 Cate, Richard
 7 Sanicola-Nadel, Michelle
 9 <120> TITLE OF INVENTION: Type II TGF-Beta Receptor/Immunoglobulin
 10 Constant Region Fusion Proteins
 13 <130> FILE REFERENCE: A018 US
 15 <140> CURRENT APPLICATION NUMBER: 09/423,018
 16 <141> CURRENT FILING DATE: 2002-01-02
 18 <150> PRIOR APPLICATION NUMBER: PCT/US98/07587
 19 <151> PRIOR FILING DATE: 1998-04-16
 21 <150> PRIOR APPLICATION NUMBER: 60/044641
 22 <151> PRIOR FILING DATE: 1997-04-18
 24 <160> NUMBER OF SEQ ID NOS: 13
 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 28 <210> SEQ ID NO: 1
 29 <211> LENGTH: 9077
 30 <212> TYPE: DNA
 31 <213> ORGANISM: Oryctolagus cuniculus
 33 <400> SEQUENCE: 1
 34 gaattcgagc ttgcatgcct gcaggtcggt acataactta cggtaaattgg cccgcctggc 60
 35 tgaccgcccc acgacccccg cccattgacg tcaataatga cgtatgttcc catagtaacg 120
 36 ccaataggga ctttccattg acgtcaatgg gtggagtatt tacggtaaac tgcccacttg 180
 37 gcagtacatc aagtgtatca tatgccaaat acgcccccta ttgacgtcaa tgacggtaaa 240
 38 tggcccgccct ggcattatgc ccagtacatg accttatggg acttttctac ttggcagtac 300
 39 atctacgtat tagtcatcgc tattaccatg gtgatgcggg tttggcagta catcaatggg 360
 40 cgtggatagc ggtttgactc acggggattt ccaagtctcc accccattga cgtcaatggg 420
 41 agtttggtttt ggcacccaaa tcaacgggac tttccaaaat gtcgtaacaa ctccgcccc 480
 42 ttgacgcaaa tgggcggtag gcgtgtacgg tgggaggtct atataagcag agctcgttta 540
 43 gtgaaccgctc agatcgccctg gagacgccat ccacgctgtt ttgacctcca tagaagacac 600
 44 cgggaccgat ccagcctccg gactctagag gatccggtac tcgaggaact gaaaaaccag 660
 45 aaagttaact ggtaagttaa gtctttttgt cttttatttc aggtcccgga tccggtggtg 720
 46 gtgcaaatca aagaactgct cctcagtgga tgttgccctt acttctagga ctgtacggaa 780
 47 gtgttaacttc tgccttaaaa gctgcggaat tgtaccgcg ggcgctctgc catgggtcgg 840
 48 gggctgctcc ggggcctgtg gccgctgcac ctgcgtctgt ggacgcgcac cgccagcacg 900
 49 atcccgccgc acgttcagaa gtgcggttaat aacgacatga tggtcacgga caacaatggc 960
 50 gccgtcaagt tcccacaact gtgcaagttt tgcgatgtgc gatcttcac ctgtgacaac 1020
 51 cagaagtcct gcatgagcaa ctgcagcatc acgtccatct gtgagaaggc acacgaagtc 1080
 52 tgcgtggccg tctggaggaa gaacgatgaa aacataaccc tggagactgt gtgtcacgac 1140
 53 cccaagctcg cctaccatgg attccttctg gaagattctg cctctccaaa gtgtatcatg 1200
 54 aaagaaaaga aggtgtttgg ggagaacttc ttcattgtgt cctgcagcac tgacgagtgc 1260
 55 aatgaccaca tcattctctc tgaggaatac accaccagca gtccggatct ggtcgacaaa 1320
 56 actcacacat gccaccgtg cccagcacct gaactcctgg ggggaccgtc agtcttctct 1380

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/423,018

DATE: 02/11/2002

TIME: 09:16:38

Input Set : A:\A018us.txt

Output Set: N:\CRF3\02112002\I423018.raw

57	ttccccccaa	aacccaagga	caccctcatg	atctcccgga	cccctgaggt	cacatgcgtg	1440
58	gtggtggacg	tgagccacga	agaccctgag	gtcaagttca	actggtacgt	ggacggcgtg	1500
59	gaggtgcata	atgccaagac	aaagccgcgg	gaggagcagt	acaacagcac	gtaccgtgtg	1560
60	gtcagcgtcc	tcaccgtcct	gcaccaggac	tggctgaatg	gcaaggagta	caagtgcaag	1620
61	gtctccaaca	aagccctccc	agccccatc	gagaaaacca	tctccaaagc	caaagggcag	1680
62	ccccgagaac	cacaggtgta	caccctgccc	ccatcccggg	atgagctgac	caagaaccag	1740
63	gtcagcctga	cctgcctggt	caaaggett	tatcccagcg	acatcgccgt	ggagtgggag	1800
64	agcaatgggc	agccggagaa	caactacaag	accacgcctc	ccgtgttgga	ctccgacggc	1860
65	tcctttctcc	tctacagcaa	gtcaccctg	gacaagagca	ggtggcagca	ggggaacgtc	1920
66	ttctcatgct	ccgtgatgca	tgaggctctg	cacaaccact	acacgcagaa	gagcctctcc	1980
67	ctgtctccgg	gtaaatgagt	gcggccgcgt	cgaccgtgac	ccctgcgcgg	cgcggaactcc	2040
68	tgccccgagg	gtccggacgc	gccccagctc	gcgccccttc	ccatatttat	tcggacccca	2100
69	agcatcgccc	caataaagac	cagcaagcaa	ccggtctggg	tgctccgtcg	tgtagggggg	2160
70	cccggtggac	ctcccttgcc	gtctctcctc	gcgcacggcc	cggttccgcc	ctgtagcgct	2220
71	cgctgtctct	cccctgcctg	aagcgcccca	ccaccgtctt	tcaggccccg	gacttggtgc	2280
72	cggttcacag	cgtaaaggag	caggtgactc	tgccgcagcac	tcgctttatt	tcgccagagt	2340
73	cgcgggcgct	ccagaagggg	cccctggact	ccggcgccgg	gcccggctcag	ccccgccctt	2400
74	tgctgcgcgc	gagcttctgg	cgactcccag	gcccgtgctc	ctcgtcggga	cgccctcgggg	2460
75	acaccccaggc	ctgcttcttc	ctgggctcgg	cgctccctgga	gtcccgtgcc	cacggccggt	2520
76	ggcccccttc	gcgtgactcc	cagcgctggg	gtagggtctc	ccggggctcc	ctggcgcccc	2580
77	gtggcctctc	ctctttccgc	ggcctctctt	tcttaggtct	ctcctccttc	cgcggtctct	2640
78	ccttcgcgcg	cttccccctc	ctccgaggcc	tctccttggg	tccccggtct	gcgaggggtca	2700
79	cacggtcctc	ccggacggcc	tctccggtgg	cctcgccggg	ctcctcttcg	tcgttctctg	2760
80	cagcctcccg	actcccggga	atcttgggtc	tgacctctgc	ctcggcccgg	ggcgacggcg	2820
81	gcgtgatgag	aggcgccctg	gcctcgaaact	taggtgcaa	gacagagtgg	ggtcctgggg	2880
82	taagcgccca	ccttcccccc	ggcccgggct	ccttctttcc	ttggggatga	aggtcccaat	2940
83	gcccgcggtc	agtgaaggga	agctcttacc	aggggacgac	atggctccct	cggggctgag	3000
84	cttgccggga	cccagggtc	gggcacacgt	gcttggagt	ctgcctccgc	agggacggcg	3060
85	tctgcagcga	cagggtcggg	acccgagtc	gctgggcccga	ggcacggtcc	acactgtcca	3120
86	tcctctcctc	acccctagag	ccccctccc	tggacagttg	gagtggggct	cccccggtac	3180
87	ggctgagact	aaggatgccc	ccgagccgtg	ggaaggact	ccgggactcc	gctgccggcg	3240
88	cgccctctct	ccgaacctcg	ctctttcaat	tggtcattct	tcctcccgac	cacgggctgt	3300
89	aggaggcccc	tagcaaggga	ggggtcgcag	gagtgcctcc	ggggggcgct	cacgagctga	3360
90	gcggtcccca	gagagggcgc	aggggaaagg	cggcagaacg	ctacgaggca	ggaggggttg	3420
91	cacaaggttc	atccggaagc	cagaacctac	tcgcggcgag	gggaatgggc	cccgcaaaag	3480
92	gtccacacog	ggtgagaggg	gcgcgcaagg	ccgctcactt	aagggaacata	tgacgtgagc	3540
93	tcagatcttt	gtgaagggaac	cttacttctg	tggtgtgaca	taattggaca	aactacctac	3600
94	agagatttaa	agctctaagg	taaatataaa	atttttaagt	gtataatgtg	ttaaactact	3660
95	gattctaatt	gtttgtgtat	tttagattcc	aacctatgga	actgatgaat	gggagcagtg	3720
96	gtggaatgcc	tttaatgagg	aaaacctgtt	ttgctcagaa	gaaatgccat	ctagtgtatga	3780
97	tgaggctact	gctgactctc	aacattctac	tcctccaaaa	aagaagagaa	aggtagaaga	3840
98	cccccaaggac	tttcccttcag	aattgctaag	ttttttgagt	catgctgtgt	ttagtaatat	3900
99	aactcttgct	tgctttgcta	tttacaccac	aaaggaaaaa	gctgcactgc	tatacaagaa	3960
100	aattatggaa	aaatattctg	taacctttat	aagtaggcat	aacagttata	atcataacat	4020
101	actgtttttt	cttactccac	acaggcatag	agtgtctgct	attaataact	atgctcaaaa	4080
102	attgtgtacc	tttagctttt	taatttgtaa	aggggttaat	aaggaatatt	tgatgtatag	4140
103	tgcttgact	agagatcata	atcagccata	ccacatttgt	agaggtttta	cttgctttta	4200
104	aaaacctccc	acacctcccc	ctgaacctga	aacataaaat	gaatgcaatt	gttggtgtta	4260
105	acttggttat	tgagcttat	aatgggttaca	aataaagcaa	tagcatcaca	aatttcacaa	4320

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/423,018

DATE: 02/11/2002

TIME: 09:16:38

Input Set : A:\A018us.txt

Output Set: N:\CRF3\02112002\I423018.raw

106	ataaagcatt	tttttcactg	cattctagtt	gtggtttgtc	caaactcatc	aatgtatcct	4380
107	atcatgtctg	gacccctctac	gccggacgca	tcgtggcccg	catcaccggc	gccacagggtg	4440
108	cggttgctgg	cgccctatata	gccgacatca	ccgatgggga	agatcgggct	cgccacttcg	4500
109	ggctcatgag	cgcttgcttc	ggcgtgggta	tgggtggcag	ccccgtggcc	gggggactgt	4560
110	tgggcgccat	ctccttgcat	gcaccattcc	ttgcggcgcc	ggtgctcaac	ggcctcaacc	4620
111	tactactggg	ctgcttccta	atgcaggagt	cgcataagg	agagcgtcga	gactccatct	4680
112	caaaaataaa	ataaaaataaa	aattaaaaaa	aaagggccct	tgtgcaaaag	tgacagcttg	4740
113	tatgtttctg	ctgttgacat	ttgtgggctg	tttaccacaa	cttctggaac	acagcagttg	4800
114	aagggacttc	ccagatatct	taaaattacc	cttagaaagc	ggtctgtgaa	aaacccctac	4860
115	ccaatttcct	ttttgttaag	tgacctaatt	aacaggagga	cacagagggt	ggatgggcag	4920
116	cctatgattg	gaatgtcctc	tcaagttagg	gaggttaggg	tttatgagga	cacagaggag	4980
117	cttcctgggg	atccagacat	gataagatac	attgatgagt	ttggacaaac	cacaactaga	5040
118	atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	ctattgcttt	atttgaacc	5100
119	attataagct	gcaataaaca	agttaacaac	aacaattgca	ttcattttat	gtttcaggtt	5160
120	cagggggagg	tgtgggaggt	tttttaaagc	aagtaaaacc	tctacaaatg	tggtatggct	5220
121	gattatgata	tctagtcaag	gcactataca	tcaaatattc	cttattaacc	cctttacaaa	5280
122	ttaaaaagct	aaaggtagac	aatttttgag	catagttatt	aatagcagac	actctatgcc	5340
123	tgtgtggagt	aagaaaaaac	agtatgttat	gattataact	gttatgccta	cttataaagg	5400
124	ttacagaata	tttttccata	attttcttgt	atagcagtgc	agctttttcc	tttgtggtgt	5460
125	aaatagcaaa	gcaagcaaga	gttctattac	taaacacagc	atgactcaaa	aaacttagca	5520
126	attctgaagg	aaagtccctg	gggtcttcta	cctttctctt	cttttttgga	ggagtagaat	5580
127	gttgagagtc	agcagtagcc	tcatcatcac	tagatggcat	ttcttctgag	caaaacagggt	5640
128	tttcctcatt	aaaggcattc	caccactgct	cccattcatc	agttccatag	gttggaaatct	5700
129	aaaatacaca	aacaattaga	atcagtagtt	taacacatta	tacacttaa	aattttatat	5760
130	ttaccttaga	gctttaaatc	tctgtaggta	gtttgtccaa	ttatgtcaca	ccacagaagt	5820
131	aaggttcctt	cacaaagatc	ttaaagccagc	aaaagtccca	tggtcttata	aaaatgcata	5880
132	gctttaggag	gggagcagag	aacttgaaag	catcttctcg	ttagtctttc	ttctcgtaga	5940
133	cttcaaactt	atacttgatg	cctttttcct	cctggacctc	agagaggacg	cctgggtatt	6000
134	ctgggagaag	tttataattc	cccaaataca	tttctgggaa	aaacgtgtca	ctttcaaatt	6060
135	cctgcatgat	ccttgtcaca	aagagtctga	ggtggcctgg	ttgattcatg	gcttctcggt	6120
136	aaacagaact	gcctccgact	atccaaacca	tgtctacttt	acttgccaat	tccggttggt	6180
137	caataagtct	taaggcatca	tccaaacttt	tggcaagaaa	atgagctcct	cgtgggtggt	6240
138	ctttgagttc	tctactgaga	actatattaa	ttctgtcctt	taaaggctga	ttcttctcag	6300
139	gaatggagaa	ccaggttttc	ctaccataaa	tcaccagatt	ctgtttacct	tccactgaag	6360
140	aggttggtgt	cattctttgg	aagtacttga	actcgttctt	gagcggaggc	cagggtaggt	6420
141	ctccgttctt	gccaatcccc	atattttggg	acacggcgac	gatgcagttc	aatggtcgaa	6480
142	ccatgatggc	agcggggata	aaatcctacc	agccttcacg	ctaggattgc	cgtcaagttt	6540
143	ggcgcgaaat	cgcagccctg	agctgtcccc	ccccccaagc	tttttgcaaa	agcctaggcc	6600
144	tccaaaaaag	cctcctcact	acttctggaa	tagctcagag	gccgaggcgg	cctcggcctc	6660
145	tgcataaata	aaaaaaatta	gtcagccatg	gggaggagaa	tgggcggaac	tgggcggagt	6720
146	taggggcggg	atgggcggag	ttaggggcgg	gactatgggt	gctgactaat	tgagatgctg	6780
147	cctcgcgctg	ttcgggtgat	acggtgaaaa	cctctgacac	atgcagctcc	cggagacggt	6840
148	cacagcttgt	ctgtaagcgg	atgccgggag	cagacaagcc	cgtcaggcgg	cgtcagcggg	6900
149	tgttgccggg	tgtcggggcg	cagccatgac	ccagtacagt	agcgtatagc	gagtgtatac	6960
150	tggcttaact	atgcggcatc	agagcagatt	gtactgagag	tgcaccatat	gcggtgtgaa	7020
151	ataccgcaca	gatgcgtaag	gagaaaaatac	cgcatacagg	gctcttccgc	ttcctcgctc	7080
152	actgactcgc	tgcgctcggt	cgttcgggct	cggcgagcgg	tatcagctca	ctcaaaggcg	7140
153	gtaatacggg	tatccacaga	atcaggggat	aacgcaggaa	agaacatgtg	agcaaaaggc	7200
154	cagcaaaaag	ccaggaaccg	taaaaaggcc	gcgttgctgg	cgtttttcca	taggtcccg	7260

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/423,018

DATE: 02/11/2002
TIME: 09:16:38

Input Set : A:\A018us.txt
Output Set: N:\CRF3\02112002\I423018.raw

```

155 cccctgacg agcatcacaa aaatcgacgc tcaagtcaga ggtggcgaaa cccgacagga 7320
156 ctataaagat accaggcggt tccccctgga agctccctcg tgcgctctcc tgttccgacc 7380
157 ctgcccgtta ccgataacct gtccgccttt ctcccttcgg gaagcggtgc gctttctcat 7440
158 agctcacgct gtaggtatct cagttcggty taggtcggtc gctccaagct gggctgtgtg 7500
159 cacgaacccc ccgttcagcc cgaccgctgc gccttatccg gtaactatcg tcttgagtcc 7560
160 aacccggtaa gacacgactt atcgccactg gcagcagcca ctggtaacag gattagcaga 7620
161 gcgaggtatg taggcggtgc tacagagttc ttgaagtggg ggcctaacta cggctacact 7680
162 agaaggacag tatttggtat ctgcgctctg ctgaagccag ttaccttcgg aaaaagagtt 7740
163 ggtagctctt gatccggcaa acaaacacc ccgtgtagcg gtggtttttt tgtttgcaag 7800
164 cagcagatta cgcgcagaaa aaaaggatct caagaagatc ctttgatctt ttctacgggg 7860
165 tctgacgctc agtggaaacga aaactcacgt taagggaattt tgggtcatgag attatcaaaa 7920
166 aggatcttca cctagatcct tttaaattaa aaatgaagtt ttaaatcaat cttaaagtata 7980
167 tatgagtaaa cttggtctga cagttaccaa tgcttaatac gtgaggcacc tatctcagcg 8040
168 atctgtctat ttcgttcacg catagttgcc tgactccccg tcgtgtagat aactacgata 8100
169 cgggagggct taccatctgg ccccagtgc gcaatgatac cgcgagaccc acgctcaccg 8160
170 gctccagatt tatcagcaat aaaccagcca gccggaaggg ccgagcgagc aagtggctct 8220
171 gcaactttat ccgcctccat ccagtctatt aattggtgac gggaagctag agtaagtagt 8280
172 tcgcccagtt atagtttgcg caacgttggt gccattgctg caggcatcgt ggtgtcacgc 8340
173 tcgtcgtttg gtatggcttc attcagctcc ggttcccaac gatcaaggcg agttacatga 8400
174 tcccccatgt tgtgcaaaaa agcggtagc tccttcggtc ctccgacgtg tgcagaagt 8460
175 aagttggccg cagtgttacc actcatggtt atggcagcac tgcataattc tcttactgtc 8520
176 atgccatccg taagatgctt ttctgtgact ggtgagtact caaccaagtc attctgagaa 8580
177 tagtgtatgc ggcgaccgag ttgctcttgc ccggcgtaaa cacgggataa taccgcgcca 8640
178 catagcagaa ctttaaaagt gctcatcatt ggaacacgtt cttcggggcg aaaactctca 8700
179 aggatcttac cgctgttgag atocagttcg atgtaaccca ctctgcacc caactgatct 8760
180 tcagcatctt ttactttcac cagcgtttct gggtagcaaa aaacaggaag gcaaaatgcc 8820
181 gcaaaaaagg gaataagggc gacacggaaa tgttgaatac tcatactctt cttttttcaa 8880
182 tattattgaa gcattttaca ggttatttgt ctcatgagcg gatacatatt tgaatgtatt 8940
183 tagaaaaata aacaaatagg ggttcgcgc acatttcccc gaaaagtgcc acctgacgtc 9000
184 taagaaacca ttattatcat gacattaacc tataaaaaata ggctatcac gaggcccttt 9060
185 cgtcttcaag aattccg
187 <210> SEQ ID NO: 2
188 <211> LENGTH: 1164
189 <212> TYPE: DNA
190 <213> ORGANISM: Oryctolagus cuniculus
192 <400> SEQUENCE: 2
193 atgggtcggg ggtgctccg gggcctgtgg ccgctgcacc tcgtctgtg gacgcgcac 60
194 gccagcacga tcccgcgcga cgttcagaag tcggttaata acgacatgat ggtcacggac 120
195 aacaatggcg ccgtcaaagt ccacaaactg tgcaagtttt gcgatgtgcg atcttccacc 180
196 tgtgacaacc agaagtcctg catgagcaac tgcagcatca cgtccatctg tgagaaggca 240
197 cacgaagtct gctggccgt ctggaggaag aacgatgaaa acataaccct ggagactgtg 300
198 tgtcacgacc ccaagctcgc ctaccatgga ttctctctg aagattctgc ctctccaaag 360
199 tgtatcatga aagaaaagaa ggtgtttggg gagactttct tcatgtgttc ctgcagcact 420
200 gacgagtga atgaccacat catcttctct gaggaatata ccaccagcag tccggatctg 480
201 gtcgacaaaa ctacacatg cccaccgtgc ccagcacctg aactcctggg gggaccgtca 540
202 gtcttctct tcccccaaaa acccaaggac accctcatga tctcccgac ccctgaggtc 600
203 acatgcgtgg tggtagcgt gagccacgaa gccctgagg tcaagttcaa ctggtacgtg 660
204 gacggcgtgg aggtgcataa tgccaagaca aagccgcggg aggagcagta caacagcacg 720
205 taccgtgtgg tcagcgtcct caccgtcctg caccaggact ggctgaatgg caaggagtac 780

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/423,018

DATE: 02/11/2002

TIME: 09:16:38

Input Set : A:\A018us.txt

Output Set: N:\CRF3\02112002\I423018.raw

206	aagtgaagg	tctccaacaa	agccctccca	gcccccatcg	agaaaacccat	ctccaaagcc	840
207	aaagggcagc	cccgagaacc	acaggtgtac	accctgcccc	catcccggga	tgagctgacc	900
208	aagaaccagg	tcagcctgac	ctgcctggtc	aaaggcttct	atcccagcga	catcgccgtg	960
209	gagtgggaga	gcaatgggca	gccggagAAC	aactacaaga	ccacgcctcc	cgtgttgac	1020
210	tccgacggct	ccttcttctc	ctacagcaag	ctcaccgtgg	acaagagcag	gtggcagcag	1080
211	gggaacgtct	tctcatgtct	cgtgatgcat	gaggctctgc	acaaccacta	cacgcagaag	1140
212	agcctctccc	tgtctccggg	taaa				1164
214	<210> SEQ ID NO: 3						
215	<211> LENGTH: 9077						
216	<212> TYPE: DNA						
217	<213> ORGANISM: Homo sapien						
219	<400> SEQUENCE: 3						
220	gaattcgagc	ttgcatgcct	gcaggctggt	acataactta	cggtaaatgg	cccgcctggc	60
221	tgaccgcccc	acgacccccg	cccattgacg	tcaataatga	cgtatgttcc	catagtaacg	120
222	ccaataggga	ctttccattg	acgtcaatgg	gtggagtatt	tacggtaaac	tgcccacttg	180
223	gcagtacatc	aagtgtatca	tatgccaaat	acgcccccta	ttgacgtcaa	tgacggtaaa	240
224	tggcccgctc	ggcattatgc	ccagtacatg	accttatggg	actttcctac	ttggcagtac	300
225	atctacgtat	tagtcatcgc	tattaccatg	gtgatgcggt	tttggcagta	catcaatggg	360
226	cgtggatagc	ggtttgactc	acggggattt	ccaagtctcc	accccatgga	cgtcaatggg	420
227	agtttgtttt	ggcaccaaaa	tcaacgggac	tttccaaaat	gtcgtaaaca	ctccgcccc	480
228	ttgacgcaaa	tgggcggtag	gcgtgtacgg	tgggaggtct	atataagcag	agctcgttta	540
229	gtgaaccgtc	agatcgctcg	gagacgccat	ccacgctggt	ttgacctcca	tagaagacac	600
230	cgggaccgat	ccagcctccg	gactctagag	gatccggtac	tcgaggaaact	gaaaaaccag	660
231	aaagttaact	ggtaagttta	gtctttttgt	ctttttattt	aggtcccggg	tccggtgggtg	720
232	gtgcaaatca	aagaactgct	cctcagtgga	tgttgccctt	acttctaggc	ctgtacggaa	780
233	gtgttacttc	tgtctataaa	gctgcggaat	tgtaccgcgc	gccgctctgc	catgggtcgg	840
234	gggtgtctca	ggggcctgtg	gccgctgcac	atcgctcctg	ggacgcgtat	cgccagcacg	900
235	atcccacgcg	acgttcagaa	gtcggttaat	aacgcacatg	tagtcaactg	caacaacggt	960
236	gcagtcgaat	ttccacaact	gtgtaaattt	tgtgatgtga	gattttccac	ctgtgacaac	1020
237	cagaaatcct	gcatgagcaa	ctgcagcatc	acctccatct	gtgagaagcc	acaggaagtc	1080
238	tgtgtggctg	tatggagaaa	gaatgacgag	aacataacac	tagagacagt	ttgccatgac	1140
239	cccaagctcc	cctaccatga	ctttattctg	gaagatgctg	cttctccaaa	gtgcattatg	1200
240	aaggaaaaaa	aaaagcctgg	tgagactttc	ttcatgtgtt	cctgtagctc	tgatgagtgc	1260
241	aatgacaaca	tcatcttctc	agaagaatat	aacaccagca	atcctgactt	ggtcgacaaa	1320
242	actcacacat	gcccaccgtg	cccagcaact	gaactcctgg	ggggaccgtc	agtcttcttc	1380
243	ttccccccaa	aacccaagga	cacctcatg	atctcccggg	cccctgaggt	cacatgcgtg	1440
244	gtggtggacg	tgagccacga	agaccctgag	gtcaagttca	actggtacgt	ggacggcgtg	1500
245	gaggtgcata	atgccaagac	aaagccgcgg	gaggagcagt	acaacagcac	gtaccgtgtg	1560
246	gtcagcgtcc	tcaccgtcct	gcaccaggac	tggctgaatg	gcaaggagta	caagtgcaag	1620
247	gtctccaaca	aagccctccc	agcccccatc	gagaaaacca	tctccaaagc	caaagggcag	1680
248	ccccgagaac	cacaggtgta	cacctgccc	ccatcccggg	atgagctgac	caagaaccag	1740
249	gtcagcctga	cctgcctggt	caaaggcttc	tatcccagcg	acatcgccgt	ggagtgggag	1800
250	agcaatgggc	agccggagaa	caactacaag	accacgcctc	ccgtgttgga	ctccgacggc	1860
251	tccttcttcc	tctacagcaa	gctcaccgtg	gacaagagca	ggtggcagca	ggggaacgtc	1920
252	ttctcatgct	cgtgatgca	tgaggctctg	cacaaccact	acacgcagaa	gagcctctcc	1980
253	ctgtctccgg	gtaaatgagt	gcggcccgct	cgaccgtgac	ccctgcgcgc	cgcggactcc	2040
254	tgccccgagg	gtccggacgc	gccccagctc	gcgccccttc	ccatatttat	tcggacccca	2100
255	agcatcgccc	caataaagac	cagcaagcaa	ccggctgggg	tgtccgtgcg	tggttagggg	2160
256	cccggtggac	ctcccttgcc	gtctctcctc	gcgcacggcc	cgggtccgcc	ctgtagcgct	2220

VERIFICATION SUMMARY

DATE: 02/11/2002

PATENT APPLICATION: US/09/423,018

TIME: 09:16:39

Input Set : A:\A018us.txt

Output Set: N:\CRF3\02112002\I423018.raw

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date